Ref. No. 6

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[0026] Now, the door 23 of refrigerator room consists of an outer panel 23a that becomes the exterior design thereof, an inner panel 23b that is disposed on the side of the refrigerator room 18 when the door of refrigerator room 23 is closed, a heat insulating material 23c that is filled in between them, and a door cap 23d.

[0027] As shown in Fig. 3 and Fig. 4, not only the door 23 of refrigerator room but also the door 24 of freezer, the door 25 of vegetable room, the door 26 of bottle room, the door 27 of ice making room are also formed in the same manner as that of the door 23 of refrigerator room. The door 24 of freezer consists of an outer panel 24a that becomes the exterior design thereof, an inner panel 24b that is disposed on the side of the freezer room 19 when the door of freezer 24 is closed, a heat insulating material 24c that is filled in between then, and a door cap 24d.

[0030] Now, bent parts 23e, 24e, 25e, 26e, and 27e are disposed adjacent to the edge of the doors 23, 24, 25, 26, and 27, respectively. According to this embodiment, the distance between the outside edge of the door 23, 24, 25 and the bent part 23e, 24e, 25e is some 20 percent of the width of the door 23, 24, 25, respectively. The distance between the outside edge of the door 26, 27 and the bent part 26e, 27e is some 10 per cent of the width of the door 26, 27, respectively.

[0031] Then, the bent part 23e, 24e, 25e becomes a border of color on the door 23 of refrigerator room, the door 24 of freezer, the door 25 of vegetable room, respectively. In other words, the flat parts 23f, 24f, and 25f of the respective doors are different in color from the sloping parts 23g, 24g, and 25g that are formed outside of the flat parts, respectively.

[0035] Next, Fig. 5 shows a simplified production process of the outer panel of a door. A reference numeral 29 denotes a sheet steel plate that becomes the basal plate of the outer panel 23a (The same is true of the other outer panels), a reference numeral 30 denotes a colored film consisting of two colors that are separated by straight lines 30a for color separation. In a process (a), the colored film 30 is cut by the same length as that of the sheet steel plate 29. In a process (b), the colored film 30 is adhered to the surface of the sheet steel plate 29 to form the outer panel 23a. Then, in a subsequent process (c), the outer panel 23a is bent on the boundary of the straight line 30a for color separation to form the bent part 23e, thus forming the exterior design surface.

コーディネートもしやすくなる。

【図面の簡単な説明】

【図1】本発明の実施の形態1による冷蔵庫の正面図

【図2】同実施の形態の冷蔵庫の斜視図

【図3】図1のA－A線断面図

【図4】図1のB－B線断面図

【図5】同実施の形態の外板の製造工程図

【図6】本発明の実施の形態2による冷蔵庫の斜視図

【図7】本発明の実施の形態3による冷蔵庫の斜視図

【図8】従来の冷蔵庫の斜視図

【符号の説明】

11 断熱箱体

23, 24, 25, 26, 27 ドア

23a, 24a, 25a, 26a, 27a 外板

＊23b, 24b, 25b, 26b, 27b 内板

23c, 24c, 25c, 26c, 27c 断熱材

23d, 24d, 25d, 26d, 27d ドアキャップ

23e, 24e, 25e, 26e, 27e 折曲部

30 着色フィルム

31 断熱箱体

32, 33 ドア

32a, 33a 外板

32b, 33b 折曲部

34 断熱箱体

35, 36, 37 ドア

35a, 36a, 37a 外板

＊ 35b, 36b, 37b 折曲部

【図1】 Fig. 1

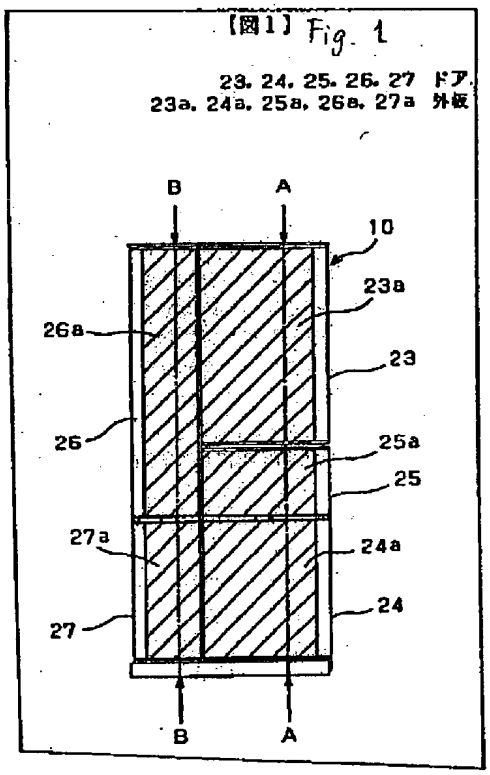
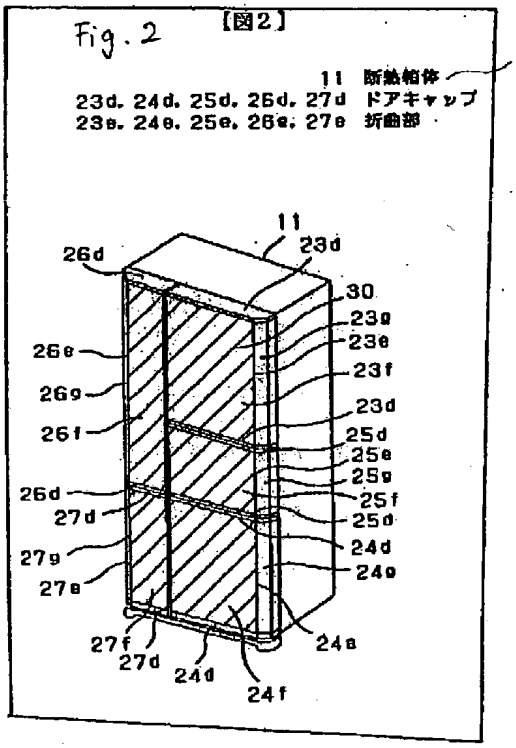
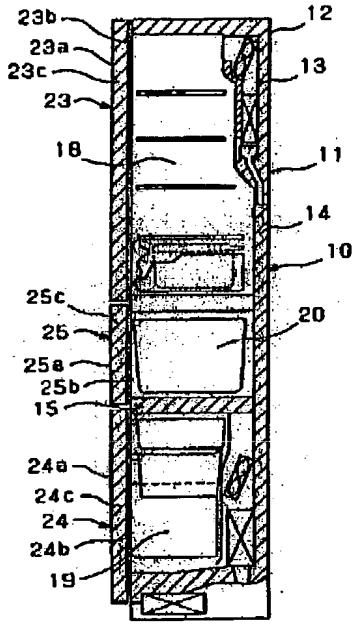


Fig. 2 【図2】



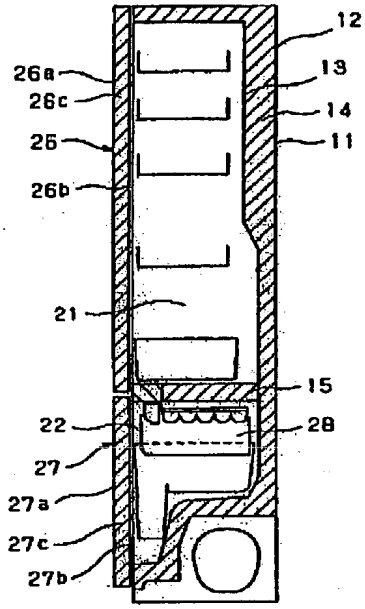
【図3】 Fig. 3

11 断熱箱体
23, 24, 25 ドア
23a, 24a, 25a 外板
23b, 24b, 25b 内板
23c, 24c, 25c 断熱材



【図4】 Fig. 4

11 断熱箱体
26, 27 ドア
26a, 27a 外板
26b, 27b 内板
26c, 27c 断熱材



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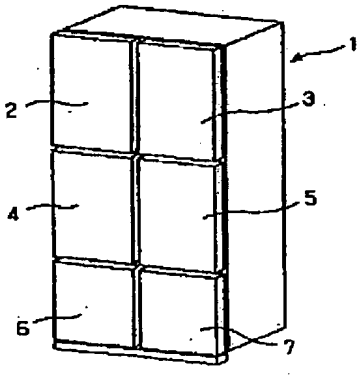


【図5】 Fig.5

23a 外板
23e 折曲部
30 着色フィルム

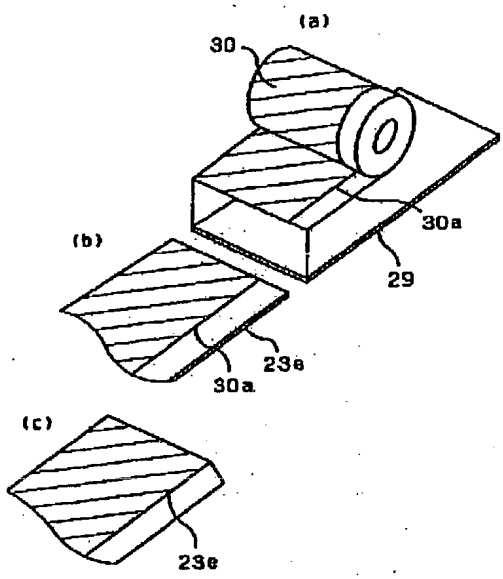


Fig.6 【図6】

31 断熱箱体
32, 33 ドア
32a, 33a 外板
32b, 33b 折曲部

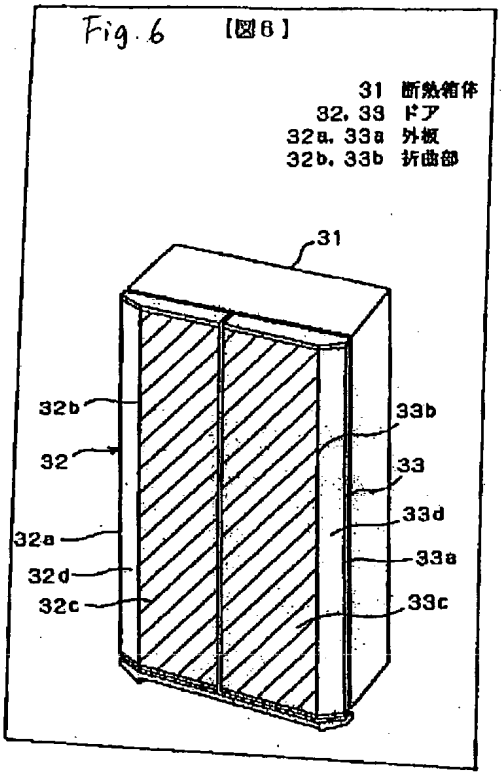
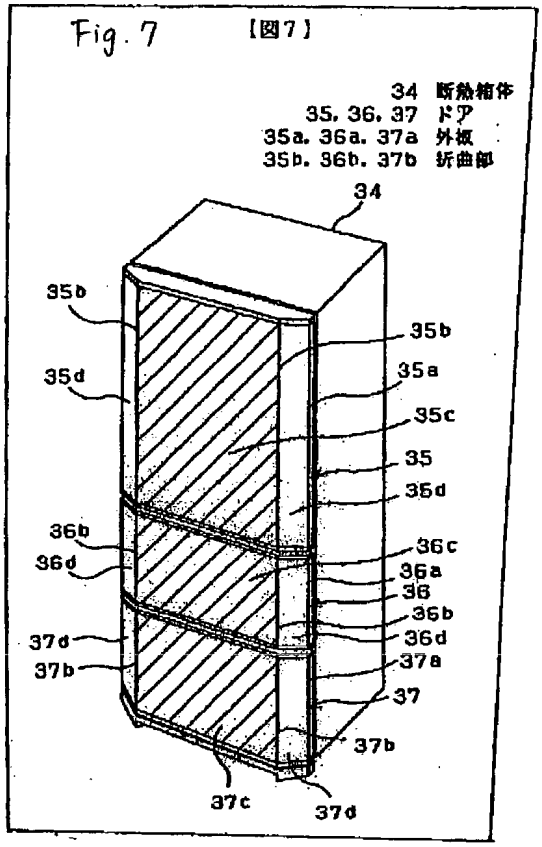


Fig. 7 【図7】



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